

INFORMATION DISCLOSURE CITATION

PTO-1449

ATTORNEY'S DKT No.
032005-068APPLICATION No.
09/621,670APPLICANT
AshbyFILING DATE
July 24, 2000GROUP
3736

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<i>JP</i>	581,235	Apr. 1897	Kenyon	—	—	
	1,578,517	Mar. 1926	Hein	—	—	
	2,086,580	Jul. 1937	Shirley	—	—	
	2,465,357	Mar. 1949	Correll	—	—	
	2,492,458	Dec. 1949	Bering, Jr.	—	—	
	2,507,244	May 1950	Correll	—	—	
	2,558,395	Jun 1951	Studer	—	—	
	2,597,011	May 1952	MacMasters, et al.	—	—	
	2,680,442	Jun. 1954	Linzmayor	—	—	
	2,761,446	Sep. 1956	Reed	—	—	
	2,814,294	Nov 1957	Figge	—	—	
	2,824,092	Feb. 1958	Thompson	—	—	
	2,899,362	Aug 1959	Sieger, Jr., et al.	—	—	
	3,157,524	Nov 1964	Artandi	—	—	
	3,724,465	Apr 1973	Duchane	—	—	
	4,000,741	Jan 1997	Binard, et al.	—	—	
	4,323,072	Apr 1982	Rosenbluth, et al.	—	—	
	4,340,066	July 1982	Shah	—	—	
	4,390,018	Jun 1983	Zukowski	—	—	
	4,515,637	May 1985	Cioca	—	—	
	4,587,969	May 1986	Gillis	—	—	
<i>JP</i>	4,588,395	May 1986	Lemelson	—	—	

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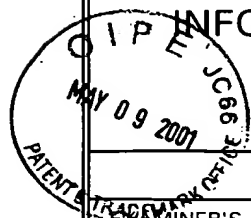
FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	Ismael Izaguirre Primary Examiner	DATE CONSIDERED	<i>8/30/02</i>
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<i>JL</i>	4,619,261	Oct 1986	Guerrero	—	—	
	4,619,913	Oct 1986	Luck, et al.	—	—	
	4,645,488	Feb 1987	Matukas	—	—	
	4,744,364	May 1988	Kensey	—	—	
	4,790,819	Dec 1988	Li, et al.	—	—	
	4,829,994	May 1989	Kurth	—	—	
	4,850,960	July 1989	Grayzel	—	—	
	4,852,568	Aug 1989	Kensey	—	—	
	4,890,612	Jan 1990	Kensey	—	—	
	4,900,303	Feb 1990	Lemelson	—	—	
	4,929,246	May 1990	Sinofsky	—	—	
	4,936,835	Jun 1990	Haaga	—	—	
	4,950,234	Aug 1990	Fujioka, et al.	—	—	
	5,007,895	Apr 1991	Burnett	—	—	
	5,021,059	Jun 1991	Kensey, et al.	—	—	
	5,053,046	Oct 1991	Janese	—	—	
	5,061,274	Oct 1991	Kensey	—	—	
	5,080,655	Jan 1992	Haaga	—	—	
	5,108,421	Apr 1992	Fowler	—	—	
	5,163,904	Nov 1992	Lampropoulos, et al.	—	—	
<i>JL</i>	5,167,624	Dec 1992	Butler, et al.	—	—	

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<i>JL</i>	5,192,300	Mar 1993	Fowler	—	—	
	5,192,301	Mar 1993	Kamiya, et al.	—	—	
	5,195,988	Mar 1993	Haaga	—	—	
	5,220,926	Jun 1993	Jones	—	—	
	5,221,259	Jun 1993	Weldon, et al.	—	—	
	5,275,616	Jan 1994	Fowler	—	—	
	5,310,407	May 1994	Casale	—	—	
	5,325,857	Jul 1994	Nabai, et al.	—	—	
	5,334,216	Aug 1994	Vidal, et al.	—	—	
	5,366,480	Nov 1994	Corriveau, et al.	—	—	
	5,383,896	Jan 1995	Gershony, et al.	—	—	
	5,383,899	Jan 1995	Hammerslag	—	—	
	5,388,588	Feb 1995	Nabai, et al.	—	—	
	5,391,183	Feb 1995	Janzen, et al.	—	—	
	5,419,765	May 1995	Weldon, et al.	—	—	
	5,431,639	Jul 1995	Shaw	—	—	
	5,437,631	Aug 1995	Janzen	—	—	
	5,467,780	Nov 1995	Nabai, et al.	—	—	
	5,478,352	Dec 1995	Fowler	—	—	
	5,479,936	Jan 1996	Nabai, et al.	—	—	
<i>JL</i>	5,486,195	Jan 1996	Myers, et al.	—	—	

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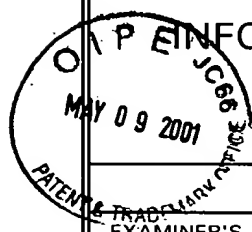
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JT	5,522,850	Jun 1996	Yomtov, et al.	—	—	
	5,526,822	Jun 1996	Burbank, et al.	—	—	
	5,529,577	Jun 1996	Hammerslag	—	—	
	5,540,715	Jul 1996	Katsaros, et al.	—	—	
	5,542,914	Aug 1996	Van Iten	—	—	
	5,545,178	Aug 1996	Kensey, et al.	—	—	
	5,558,853	Sep 1996	Quay	—	—	
	5,591,204	Jan 1997	Janzen, et al.	—	—	
	5,591,205	Jan 1997	Fowler	—	—	
	5,601,602	Feb 1997	Fowler	—	—	
	5,645,566	Jul 1997	Brenneman, et al.	—	—	
	5,649,547	Jul 1997	Ritchart, et al.	—	—	
	5,653,730	Aug 1997	Hammerslag	—	—	
	5,665,107	Sep 1997	Hammerslag	—	—	
	5,676,689	Oct 1997	Kensey, et al.	—	—	
	5,681,279	Oct 1997	Roper, et al.	—	—	
	5,716,375	Feb 1998	Fowler	—	—	
	5,725,498	Mar 1998	Janzen, et al.	—	—	
	5,741,223	Apr 1998	Janzen, et al.	—	—	
	5,769,086	Jun 1998	Ritchart, et al.	—	—	
JT	5,775,333	Jul 1998	Burbank, et al.	—	—	

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Primary Examiner

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				APPLICANT Ashby			
				FILING DATE July 24, 2000		GROUP 3736	
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
JG	5,810,806	Sep 1998	Ritchart, et al.	—	—		
	5,830,130	Nov 1998	Janzen, et al.	—	—		
	5,902,310	May 1999	Foerster, et al.	—	—		
	6,007,563	Dec 1999	Nash, et al.	—	—		
	6,071,301	Jun 2000	Cragg, et al.	—	—		
	6,162,192	Dec 2000	Cragg, et al.	—	—		
FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
	1,509,023	Apr 1978	United Kingdom	—	—		
	1,569,660	Jun 1980	United Kingdom	—	—		
	782,814	Nov 1980	Russia	—	—		
	032,826 A2	Jul 1981	EPO	—	—		
	1,088,709 A	Apr 1984	Russia	—	—		
	2 641 692	Jul 1990	France	—	—		
	476,178 A1	Mar 1992	EPO	—	—		
	482,350 A2	Apr 1992	EPO	—	—		
	WO 96/08208	Mar 1996	PCT	—	—		
	WO 98/06346	Feb 1998	PCT	—	—		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	Vincent P. Chuang, M.D., et al., "Sheath Needle for Liver Biopsy in High-Risk Patients", <i>Radiology</i> , 166:261-262 (1988)						
	Marc Zins, M.D., et al., "US-guided Percutaneous Liver Biopsy with Plugging of the Needle Track: A Prospective Study in 72 High-Risk Patients", <i>Radiology</i> , 184(3):841-843 (1992)						
	Tony P. Smith, M.D., et al., "Percutaneous Transhepatic Liver Biopsy with Tract Embolization", <i>Radiology</i> , 198:769-774 (1996).						
	S.A. Riley, et al., "Percutaneous Liver Biopsy with Plugging of Needle Track: A Safe Method for Use in Patients with Impaired Coagulation", <i>The Lancet</i> , pg. 436 (1984).						
JG	David J. Allison, M.D., et al., "Percutaneous Liver Biopsy and Tract Embolization with Steel Coils", <i>Radiology</i> , 169(1):261-263 (1988).						
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